

**Exercise 1** *Combine the polynomials and simplify.*

$$f(x) = ((2x^3 + x + 5) - (3x^3 + x^2 + 3x - 2)) + (x^3 + 2x + 2)$$

$$f(x) = \boxed{0}x^3 + \boxed{1}x^2 + \boxed{0}x + \boxed{9}$$

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